PATENT ABSTRACTS OF JAPAN

(11)Publication number:

2001-210867

(43) Date of publication of application: 03.08.2001

(51)Int.CI.

H01L 21/28 H01L 21/285 H01S 5/343

(21)Application number: 2000-014390

(71)Applicant: SEIWA ELECTRIC MFG CO LTD

(22)Date of filing:

24.01.2000

(72)Inventor: TOKUJI SHIGEKAZU

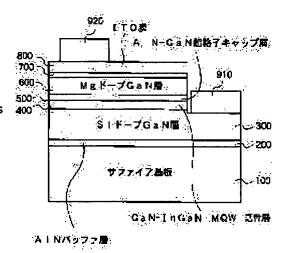
YAMAJI TAHEI

(54) GALLIUM NITRIDE SEMICONDUCTOR LIGHT EMITTING ELEMENT AND MANUFACTURING METHOD THEREFOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a gallium nitride semiconductor light emitting element which is superior in mechanical strength, which is not easily deteriorated even in high temperature/high humidity environment, and which has the high take-out efficiency of light to an outer part.

SOLUTION: A gallium nitride semiconductor light emitting element is provided, having an ITO film whose film thickness is 100 & angst; or more as a current diffusion layer, where at least its first layer is formed on a P-type GaN semiconductor layer by a vacuum vapor deposition method.



LEGAL STATUS

[Date of request for examination]

25.01.2000

[Date of sending the examiner's decision of

23.07.2002

rejection]

Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

3394488

[Date of registration] 31.01.2003
[Number of appeal against examiner's decision of rejection]
[Date of requesting appeal against examiner's decision of rejection]
[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office